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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Trempulleation of:

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Brian J. Elmenhurst

Application No.: 09/919,586

Filed: July 30, 2001

For: ORTHOGONAL TECHNOLOGY FOR

MULTI-LINE CHARACTER RECOGNITION

Docket No.: 29094/11:2

Examiner: Jon Carlton Chang

Date: November 29, 2004

Confirmation No.: 2587

Group Art Unit: 2623

RECEIVED

DEC 0 9 2004

Technology Center 2600

RESPONSE TO OFFICE ACTION

TO THE COMMISSIONER FOR PATENTS:

Applicant hereby responds to the Office Action mailed July 29, 2004 as follows:

- Amendments to the Specification begin on page 2 of this paper.
- Amendments to the Claims are reflected in the Listing of All Claims that begins on page 3 of this paper.
- Amendments to the Drawings are submitted in the form of five Replacement Sheets, numbered "1/5" to "5/5" respectively, attached hereto, and are discussed at page 7.
- Applicant's Remarks begin on page 8.

Applicant requests a one-month extension of time to file the present response.

12/06/2004 WABDELR1 00000056 09919586

01 FC:2251

55.00 OP

12/06/2004 WABDELR1 00000056 09919586

02 FC:2201 03 FC:2202 44.00 OP 54.00 OP

PTO/SB/17 (10-04v2) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Reperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 153.00

Complete if Known					
Application Number	09/919,586				
Filing Date	July 30, 2001				
First Named Inventor	Brian J. Elmenhurst DEC 0-9 2004				
Examiner Name	Jon Carlton Chang				
Art Unit	2623 Technology Center !	3200			
Attorney Docket No.	29094/11:2	7000			

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)							
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1002 350 2002 175 Design filing fee		1401	340	2401		Notice of Appe			
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1004 790 2004 395 Reissue filing fee	[1403	300	2403		Request for ora			
1005 160 2005 80 Provisional filing fee			1,510	1451	-	Petition to instit	•	<u> </u>	
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1204 88 2204 44 ** Reissue independent claims over original patent		1801	790	2801	395	examined (37 C		nination (RCE)	
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**or number previously paid, if greater; For Reissues, see above				-					<u> </u>
SUBMITTED BY (Complete (if applicable)) Registration No. 22.759 Telephone 503.294-9189									
Name (Print/Type) Micah D. Stolowitz			Attornev/		32	,758	Telephone	503-294-9189	
Signature : !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	the	An	1				Date	November 29,	2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Equivalent to PTO/SB/06 (08-03)
Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

he Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. PATENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number Substitute for Form PTO-875 09/919,586 OTHER THAN CLAIMS AS FILED - PART I SMALL ENTITY SMALL ENTITY OR (Column 1) (Column 2) FEE **RATE** RATE FEE **NUMBER EXTRA** NUMBER FILED **FOR BASIC FEE** OR \$370 \$_ (37 CFR 1.16(a)) **TOTAL CLAIMS** minus 20 = 1OR 0 x \$ 20 x \$<u>9</u>= (37 CFR 1.16(c)) INDEPENDENT CLAIMS minus 3 = OR x \$ 0 x \$<u>42</u>= (37 CFR 1.16(b)) OR I + \$ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) **TOTAL** TOTAL 370 * If the difference in column 1 is less then zero, enter "0" in column 2 CLAIMS AS AMENDED - PART II OTHER THAN **SMALL ENTITY** SMALL ENTITY OR (Column 3) (Column 1) (Column 2) HIGHEST **CLAIMS** ADDI-ADDI-A NUMBER PRESENT REMAINING RATE TIONAL TIONAL RATE AMENDMENT **EXTRA PREVIOUSLY AFTER** FEE FEE PAID FOR AMENDMENT Total * 26 = 6 OR x \$ 20 54 x \$<u>9</u>= Minus (37 CFR 1.16(c)) Independent *** 3 = 1 44 OR × \$<u>44</u>= Minus (37 CFR 1.16(b)) OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM **TOTAL ADD'L** TOTAL OR 98 ADD'L FEE FEE (Column 2) (Column 3) (Column 1) HIGHEST **CLAIMS** ADDI-ADDI- $\mathbf{\omega}$ PRESENT REMAINING NUMBER **TIONAL** RATE TIONAL RATE ENDMENT **EXTRA** AFTER **PREVIOUSLY** FEE FEE **AMENDMENT** PAID FOR Total ** OR = x \$_ Minus (37 CFR 1.16(c)) Independent *** OR = Minus x \$_ (37 CFR 1.16(b)) ₹ OR + \$_ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) TOTAL ADD'L FEE TOTAL ADD'L OR FEE (Column 3) (Column 1) (Column 2) **CLAIMS** HIGHEST ADDI-**ADDI-**C REMAINING NUMBER PRESENT **TIONAL RATE TIONAL** RATE AMENDMENT **PREVIOUSLY AFTER EXTRA** FEE FEE PAID FOR **AMENDMENT** Total OR x \$ = x \$__ Minus (37 CFR 1.16(c)) Independent *** OR = Minus x \$_ (37 CFR 1.16(b)) OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) TOTAL ADD'L TOTAL OR ADD'L FEE FEE If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

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Brian J. Elmenhurst

DEC 0 9 2004

Confirmation No. 2587

Application No.: 09/919,586

Technology Center 2600

Group Art Unit: 2623

Filed: July 30, 2001

For: ORTHOGONAL TECHNOLOGY FOR

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Docket No.: 29094/11:2

Examiner: Jon Carlton Chang

Date: November 29, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope

addressed to:

Mail Stop Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Date: November 29, 2004

Kitty Sisk

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- 1. Response to Office Action
- 2. Replacement drawing sheets 1 through 5
- 3. Fee Transmittal (in duplicate)
- 4. Patent Application Fee Determination Record
- 5. Check in the amount of \$153.00 (one-month extension fee, and extra-claim fee)
- 6. Return-receipt postcard

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of the enclosed documents or to credit any overpayment to Deposit Account No. 19-4455.

Respectfully submitted,

By:

Micah D. Stolowitz

Registration No. 32,758

STOEL RIVES LLP 900 SW Fifth Avenue, Suite 2600 Portland, Oregon 97204

Telephone: (503) 224-3380 Facsimile: (503) 220-2480

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OFFE OF TRADENTAL

PTO/SB/17 (10-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

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(\$)	153.00	
(D)	130.00	

Co	omplete if Known					
Application Number	09/919,586					
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First Named Inventor	Brian J. Elmenhur StEC 0 9 2004					
Examiner Name	Jon Carlton Chang					
Art Unit	2623 Technology Center 2005					
Attorney Docket No.	29094/11:2					

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)							
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1002 350 2002 175	Design filing fee	1401	340	2401	170	Notice of Appea	al			
1003 550 2003 275	Plant filing fee	1402	340	2402		Filing a brief in		appeal		
1004 790 2004 395	Reissue filing fee	1403	300	2403	150	Request for ora	ıl hearing	:		
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2. EXTRA CLAIM FEE	ES FOR UTILITY AND REISSUE	1501	1,370	2501	685	Utility issue fee	(or reissue)			
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Independent	20** = X =	1503	660	2503		Plant issue fee				
Claims - 3	3** = L X	1460	130	1460	130	Petitions to the	Commission	er		
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1202 18 2202 1201 88 2201 4	9 Claims in excess of 20 44 Independent claims in excess of 3	1809	790	2809	9 395	Filing a submis (37 CFR 1.129		l rejection		
1203 300 2203 15	50 Multiple dependent claim, if not paid	1810	790	2810	395	For each additi examined (37 C				
1204 88 2204 4	44 ** Reissue independent claims over original patent	1801	790	2801	395	•		mination (RCE)		
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SUBMITTED BY							(Complete (i	f applicable))		
	icah D. Stolowitz	, .	Registra Attornev		^{).} 32	.,758	Telephone	503-294-9189		
Signature	med D. th						Date	November 29,	2004	

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